

Docket No: 696-260

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT OPERATIONS

In re Application of:

John R. Brewer, et al.

Serial No.: 10/627,037

Filed: July 25, 2003

)
)
) Group Art Unit: Not yet assigned
)
)

) Examiner: Not yet assigned
)
)
)

For:

**SYSTEMS AND APPARATUSES FOR
STABILIZING REACTOR FURNACE TUBES**

New York, N.Y. 10036

October 23, 2003

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

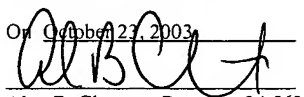
SIR/MADAM:

Request is hereby made for consideration of this information disclosure statement.
The following references are being cited under 37 C.F.R. § 1.97.

I hereby certify that this correspondence is being deposited with
the United States Postal Service as first class mail in an
envelope addressed to:

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On October 23, 2003


Alan B. Clement, Reg. No. 34,563

<u>Document Designation</u>	<u>Relevance</u>
AA (U.S. 2,018,619)	Relates to Apparatus for Pyrogenic Conversion of Hydrocarbons.
AB (U.S. 3,407,789)	Relates to Heating Apparatus and Process.
AC (U.S. 3,671,198)	Relates to Cracking Furnace Having Thin Straight Single Pass Reaction Tubes.
AD (U.S. 4,342,642)	Relates to Steam Pyrolysis of Hydrocarbons.
AE (U.S. 4,499,055)	Relates to Furnace Having Bent/Single-Pass Tubes.
AF (U.S. 5,427,655)	Relates to High Capacity Rapid Quench Boiler.
AG (U.S. 5,589,428)	Relates to Silicon Carbide with Controlled Porosity.
AH (U.S. 5,616,426)	Relates to Ceramic Substrate with Silicon Carbide Smoothing Layer.
AI (U.S. 5,635,430)	Relates to Intermediate for Producing Porous Silicon Carbide.
AJ (U.S. 5,813,845)	Relates to Curved Silicon-Carbide Based Burner Nozzle for Use with Gaseous Fuel Flames.

Document Designation

Relevance

BA (EP 1,018,563 A1)

Relates to Heating Furnace Tube, Method of Using the Same, and Method of Manufacturing the Same.

CA
C.S. Tassen et al.,
Heat-Resistant Materials,
Proceedings of the First
International Conference, Fontana,
Wisconsin, 23-26 September, 1991

Relates to High Temperature Service Experience and Corrosion Resistance for Mechanically Alloyed ODS Alloy.

CB
Metzger et al.,
World Coal Magazine,
February 2000

Relates to Understanding Silicon Carbide Types- Having the Right Tool for the Job.

CC
Special Metals Corp.,
Pub. No. SMC-004, 1999

Relates to Oxide Dispersion Strengthened Alloys Made by Mechanical Alloying.

Copies of all these documents or English abstracts thereof are enclosed herewith. It is respectfully requested that this art be considered by the Examiner in the above-identified application and made of record therein.

It is believed that no fee is required for the submission of this Information Disclosure Statement under 37 C.F.R. § 1.97 (b). However, if a fee is due, the Commissioner is hereby authorized to charge it to deposit account 08-1540.

Respectfully submitted,



Alan B. Clement

Registration No. 34,563

HEDMAN & COSTIGAN, P.C.
1185 Avenue of the Americas
New York, N.Y. 10036-2646
(212) 302-8989



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/627,037
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	July 25, 2003
		First Named Inventor	John R. Brewer
(use as many sheets as necessary)		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 1	of 2	Attorney Docket Number	696-260

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	us-2,018,619	10-22-1935	F. Winkler et al.	
	AB	us-3,407,789	10-29-1968	L.P. Hallee et al.	
	AC	us-3,671,198	06-20-1972	B.A. Wallace	
	AD	us-4,342,642	08-03-1982	Bauer et al.	
	AE	us-4,499,055	02-12-1985	DiNicolantonio et al.	
	AF	us-5,427,655	06-27-1995	Woebecke et al.	
	AG	us-5,589,428	12-31-1996	Divakar et al.	
	AH	us-5,616,426	04-01-1997	Tenhover et al.	
	AI	us-5,635,430	06-03-1997	Divakar et al.	
	AJ	us-5,813,845	09-29-1998	Eiermann	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	BA	EP 1018563 A1	07-12-2000	Yamamoto et al.		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/088 (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/627,037
		Filing Date	July 25, 2003
		First Named Inventor	John R. Brewer
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
		Attorney Docket Number	696-260
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	C.S. Tassen et al., "High Temperature Service Experience and Corrosion Resistance for Mechanically Alloyed ODS Alloys," 23-26 Sept., 1991.	
	CB	Metzer et al., Understanding Silicon-Carbide Types-Having the Right Tool for the Job, World Coal Magazine, February 2000.	
	CC	Special Metals Corporation, Oxide Dispersion Strengthened Alloys Made by Mechanical Alloying, Publication No. SMC-004, 1999.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.